



Features at a glance

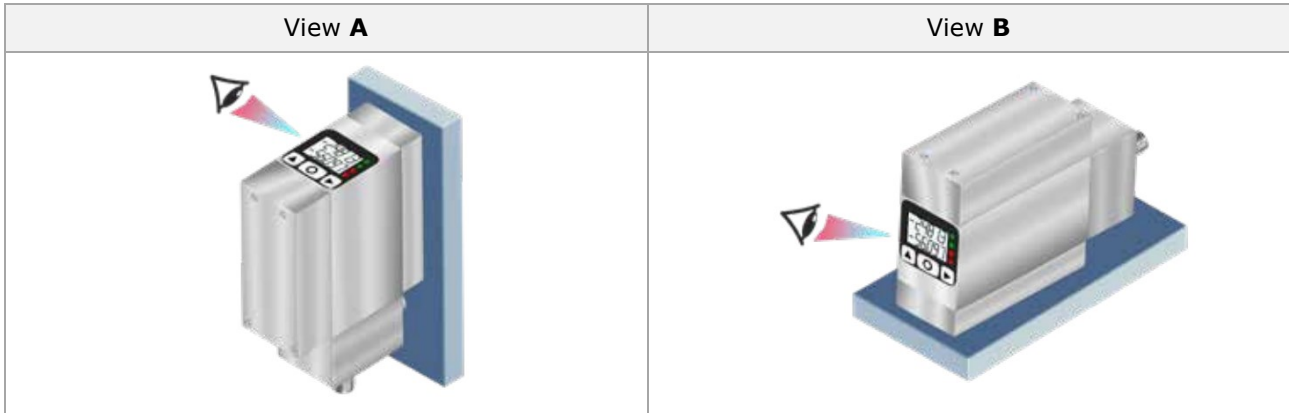
- Drive and position control integrated into a single device.
- Ultracompact design for simple installation; \varnothing 14mm output shaft with 5 mm flat key.
- Easy integration and commissioning using intelligent connections.
- Integrated and protected control electronics for accurate position control.
- Housing made of anodised aluminium (machined from solid material) hollow shaft made of AISI 303 stainless steel. The axis position is maintained also after power down.
- Surface-treated precision gears for very quiet running with high efficiency and long service life.
- Communication protocols: Profinet, EtherNet/IP, Ethernet Powerlink, EtherCat.
- Suitable for all applications in mechanical engineering and plant construction.
- Allows accurate repeatability of position adjustments; avoids repeated manual adjustment procedures in hard-to-reach or dangerous areas.
- Fieldbus connection via interface: Profinet, EtherNet/IP, EtherCat and Powerlink.

Technical characteristics

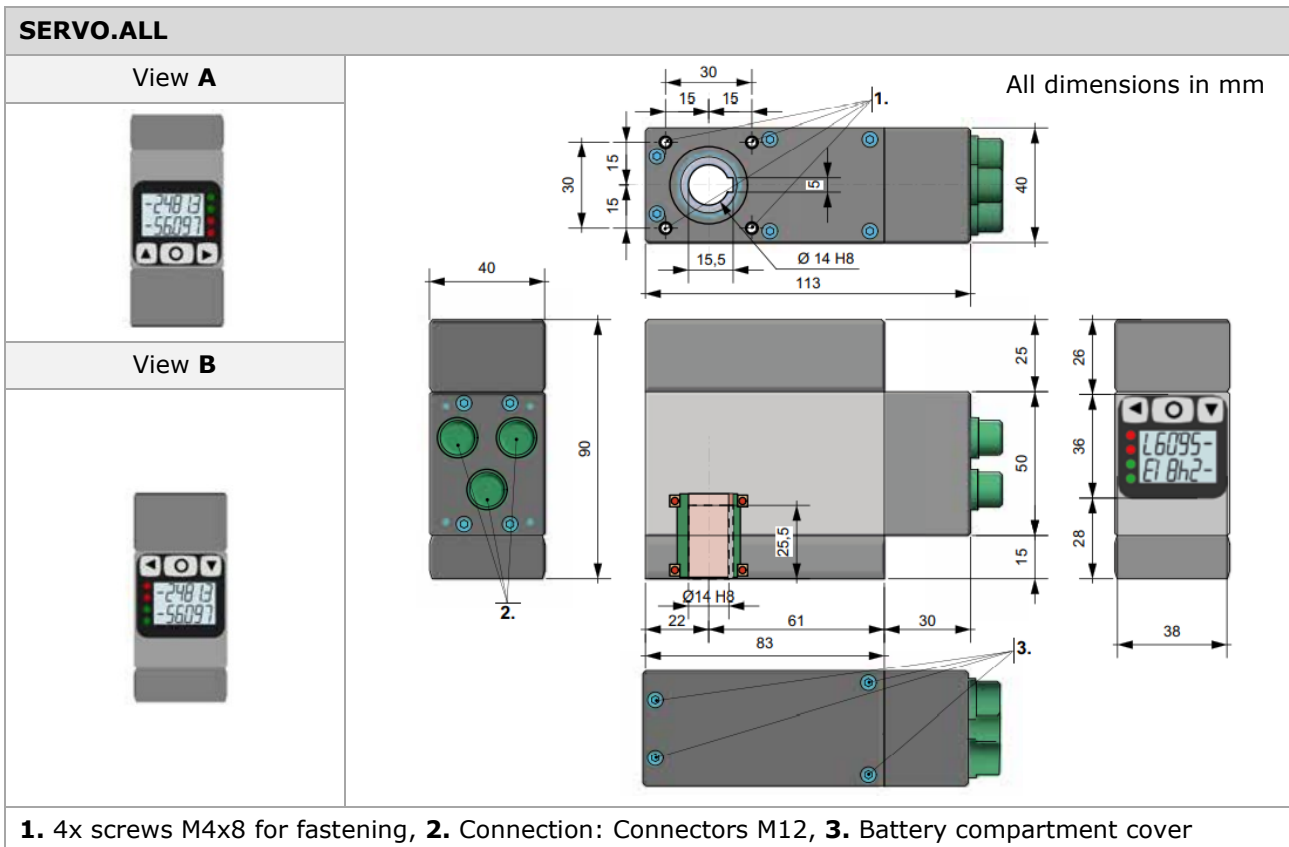
Power supply	24 VDC 20%, max. current consumption 6 A		
No-load speed	90 rpm		
Torque	4 Nm	6.5 Nm	9 Nm
Speed	75 rpm	65 rpm	55 rpm
Current consumption	2.5 A	3.5 A	5.5 A
Duty cycle	50%	20%	10%
Absolute position encoder	Magnetic encoder 1000 pulses/rev (keyed on the output shaft)		
Buffer battery for encoder	3.6 V 1/2 size AA, lifetime 6-8 years (depending on use conditions)		
Fieldbus interface	Profinet, EtherNet/IP, Ethernet Powerlink, EtherCat		
Power supply connector	1x connector (plug) M12, 4-pole, A-coded		
Ethernet port connector	2x connector (socket) M12, 4-pole, D-coded		
Protection class	IP54		
Operating temperature	0 °C to +60 °C		
Relative humidity	10 to 85%		
Electromagnetic compatibility (EMC)	2014/30/UE		
RoHS	2011/65/UE		

Datasheet

Mounting position



Dimensions



Datasheet

Ordering example

Type **SERVO.ALL** - **PROFINET**

Fieldbus

- PROFINET** = Profinet
- ETHERNETIP = EtherNet/IP
- ETHERCAT = EtherCat
- POWERLINK = Ethernet Powerlink

Manufacturer:



The manufacturer reserves the right to make changes to the products that it deems necessary for their improvement without prior notice.